

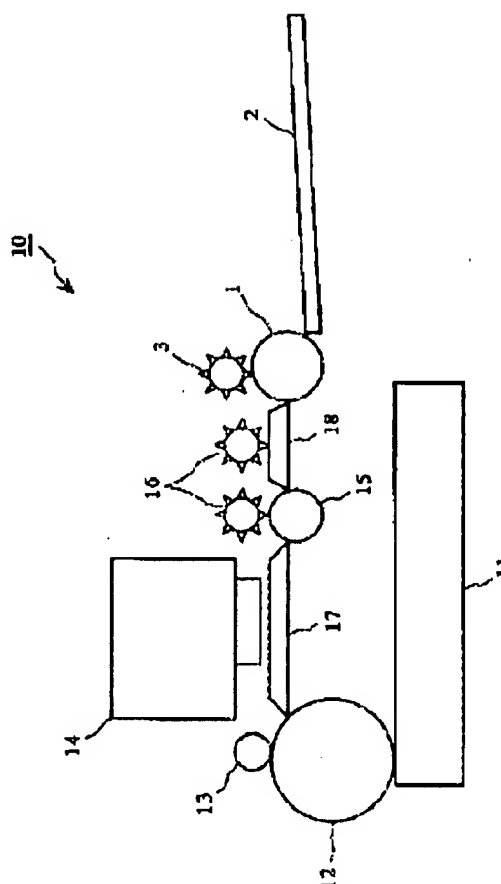
RECORDING PAPER DELIVERING MECHANISM FOR IMAGE FORMING DEVICE

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Abstract of JP2002326755

PROBLEM TO BE SOLVED: To prevent skew of recording paper without enlarging a device by equalizing carrying quantity difference between both end sides in a perpendicular direction to a recording paper delivery direction even when size of the recording paper to be delivered becomes smaller. **SOLUTION:** In a delivery roller 1, delivery roller bodies 1a-1c are disposed from both end parts of a delivery roller shaft 4 toward a center part, where diameters D_a - D_c of the delivery roller bodies 1a-1c are set to satisfy $D_a > D_b > D_c$, with friction coefficients μ_a - μ_c set to satisfy $\mu_a < \mu_b < \mu_c$. In a star roller 3, five star roller bodies 3a-3e are positioned between the delivery roller bodies in an axial direction of the delivery roller shaft 4, and they are disposed to be closer to the delivery roller shaft 4 as they get closer to the center part from both end parts in the axial direction of the delivery roller shaft 4. As the size of the recording paper P becomes smaller, so that only a part of the delivery roller bodies are abutted on the recording paper P at plural positions in the perpendicular direction to the delivery direction, roughly uniform carrying force is applied from the respective delivery roller bodies to the recording paper P, thereby skew of the recording paper P is not generated.



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